

Prolumia LED Pro-Aqua Basic

PAGE 1/3

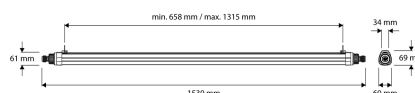
LED Pro-Aqua Basic 1530x60x61 mm

40281645

EAN: 8721063000791

THE AFFORDABLE LIGHTING SOLUTION FOR DEMANDING APPLICATIONS

Pro-Aqua Basic is a leader in its class, combining high-end specifications, quality and ease of installation with an attractive price tag. The colour and brightness of the light can be adjusted to suit individual preferences or applications. In addition to the regular on/off version, Pro-Aqua Basic is available with an integrated motion detector including daylight sensor. Thanks to standard feed-through wiring and removable side covers fitted with cable glands and plug-in terminals, connecting mains power to these luminaires is done in no-time.



PRODUCT FEATURES

Suitable for wall mounting	✓	Suitable for number of light sources	1
Suitable for wall mounting	✓	LED nominal current at constant current	200 350 Milliampere
Suitable for suspended mounting	✓	Nominal voltage	220 240 Volt
Suitable for ceiling mounting	✓	Nominal current	200 350 Milliampere
Suitable for built-in mounting	✗	Rated lifetime L80/B50 at 25 °C	55000 Hour
Suitable for surface mounting	✓	Rated lifetime L70/B50 at 25 °C	55000 Hour
Suitable for light line configuration	✗	Rated life time L70/B10 at 25 °C	60000 Hour
Suitable for clamp-mounting	✗	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)	95.01 Percentage
With mounting material	✓	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)	93.01 Percentage
Suitable for workplace according to EN 12464-1	✓	Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)	89.8 Percentage
Lamp type	LED exchangeable	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)	4.99 Percentage
With light source	✓	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)	6.99 Percentage
Lamp holder	Other	Rated life time L80/B10 at 25 °C	60000 Hour
Housing material	Plastic	Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)	10.2 Percentage
Surface protection housing	Plastic-coated	Rated life time L90/B10 at 25 °C	60000 Hour
Housing colour	White	Rated life time L90/B50 at 25 °C	55000 Hour
Material cover	Plastic, opal	Max. number of luminaires per miniature circuit breaker C10 (MCB)	7
Type of grid	Other	Max. number of luminaires per miniature circuit breaker B16 (MCB)	11
Voltage type	AC	Max. number of luminaires per miniature circuit breaker C16 (MCB)	19
Type of control gear	Not required	Rated ambient temperature according to IEC 62722-2-1	-20 40 Degrees celsius
With control gear	✓	Power consumption in emergency mode	0 Watt
Exchangeable control gear	✓	Luminaire efficacy	165.455 Lumen/Watt
Dimmable	✗	Rated luminous flux according to IEC 62722-2-1	7600 Lumen

Prolumia LED Pro-Aqua Basic

PAGE 2/3

LED Pro-Aqua Basic 1530x60x61 mm

40281645

EAN: 8721063000791

PRODUCT FEATURES

(continuation)

Dimming 0-10 V	✗	Suitable for lamp power	27.5 47 Watt
Dimming 1-10 V	✗	Luminaire efficacy	162 165 Lumen/Watt
Dimming DALI	✗	Max. system power	47 Watt
Dimming DALI-2	✗	Rated luminous flux according to IEC 62722-2- 1	4550 7600 Lumen
Dimming DMX	✗	Colour temperature	3000 5000 Kelvin
Dimming GPRS	✗	Flickering value Pst LM	0.069
Dimming LineSwitch	✗	Power factor	0.95
Dimming DSI	✗	Stroboscope effect value SVM	0.1
Dimming manufacturer's proprietary system	✗	Width	60 Millimetre
Dimming mains voltage modulation	✗	Height/depth	61 Millimetre
Dimming phase cut-off (trailing edge)	✗	Length	1530 Millimetre
Dimming phase cut-on (leading edge)	✗	Outer diameter	60 Millimetre
Dimming programmable	✗	Built-in length	0 Millimetre
Dimming potentiometer (integrated)	✗	Built-in width	0 Millimetre
Dimming RF	✗	Total harmonic distortion	5.76
Dimming Sine Wave Reduction	✗	Built-in height/depth	0 Millimetre
Dimming Touch and Dim	✗	Built-in diameter	0 Millimetre
Dimming Zigbee	✗	Luminous intensity	2179 Candela
Dimming with push-button	✗	Number of poles	3
No dim function	✗	Conductor cross section	2.5 Square millimetre
Dimming depending on control gear	✗	Total harmonic distortion (THD)	5.76 Percentage
Light distributor	Diffuser lens/optic/panel	Connectable conductor cross section	1 2.5 Square millimetre
Light distribution	Symmetric	Unified Glare Ratio (UGR)	23.6
Beam angle	> 80° - Extreme wide beam	Luminous intensity	1944 2179 Candela
Colour consistency (McAdam ellipse)	SDCM3		
Light outlet	Direct		
Energy efficiency class of the light source according to EU regulation 2019/2015	C		
Containing product according to 2019/2020/EU	✓		
Energy efficiency class of the built-in lamp	Other		
Energy efficiency class of the provided exchangeable built-in lamp	C		
Highest energy efficiency class of the exchangeable lamp	C		
Lowest energy efficiency class of the exchangeable lamp	D		
Degree of protection (IP), rear side	Other		
Degree of protection (IP), front side	IP66		
Degree of protection (IP)	IP66		
Degree of protection (NEMA)	4		
Impact strength	IK08		
Protection class according to IEC 61140	I		
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	✓		
Emergency power supply integrated	✗		
Emergency power supply system	None		
Suitable for emergency lighting	✗		
Emergency function monitoring system	None		
With switch	✗		
With presence detector	✗		
With movement sensor	✓		
Movement sensor/presence detector technology	High frequency		

Prolumia LED Pro-Aqua Basic

PAGE 3/3

LED Pro-Aqua Basic 1530x60x61 mm

40281645

EAN: 8721063000791

PRODUCT FEATURES

(continuation)

With light sensor	✓
Covering of the luminaire with thermally insulating material possible	✗
With air slots	✗
Filament test according to IEC 60695-2-11	850 °C - 30 s
Colour of light according to EN 12464-1	Neutral white 3300-5300 K
Colour of light	White
Colour rendering index CRI	80-89
Constant light output (CLO)	✗
Type of wiring	Loop-through wiring included
Connection type	Cable
Photobiological safety according to EN 62471	RG0
Colour of light adjustable	Positions
Luminous flux adjustable	Positions
Beam angle adjustable	No
Operation by Bluetooth	✗
Compatible with Casambi	✗
Compatible with Apple HomeKit	✗
Compatible with Google Assistant	✗
Compatible with Amazon Alexa	✗
IFTTT support available	✗
Ball-proof according to DIN 18032-3	✗
Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C)	✓